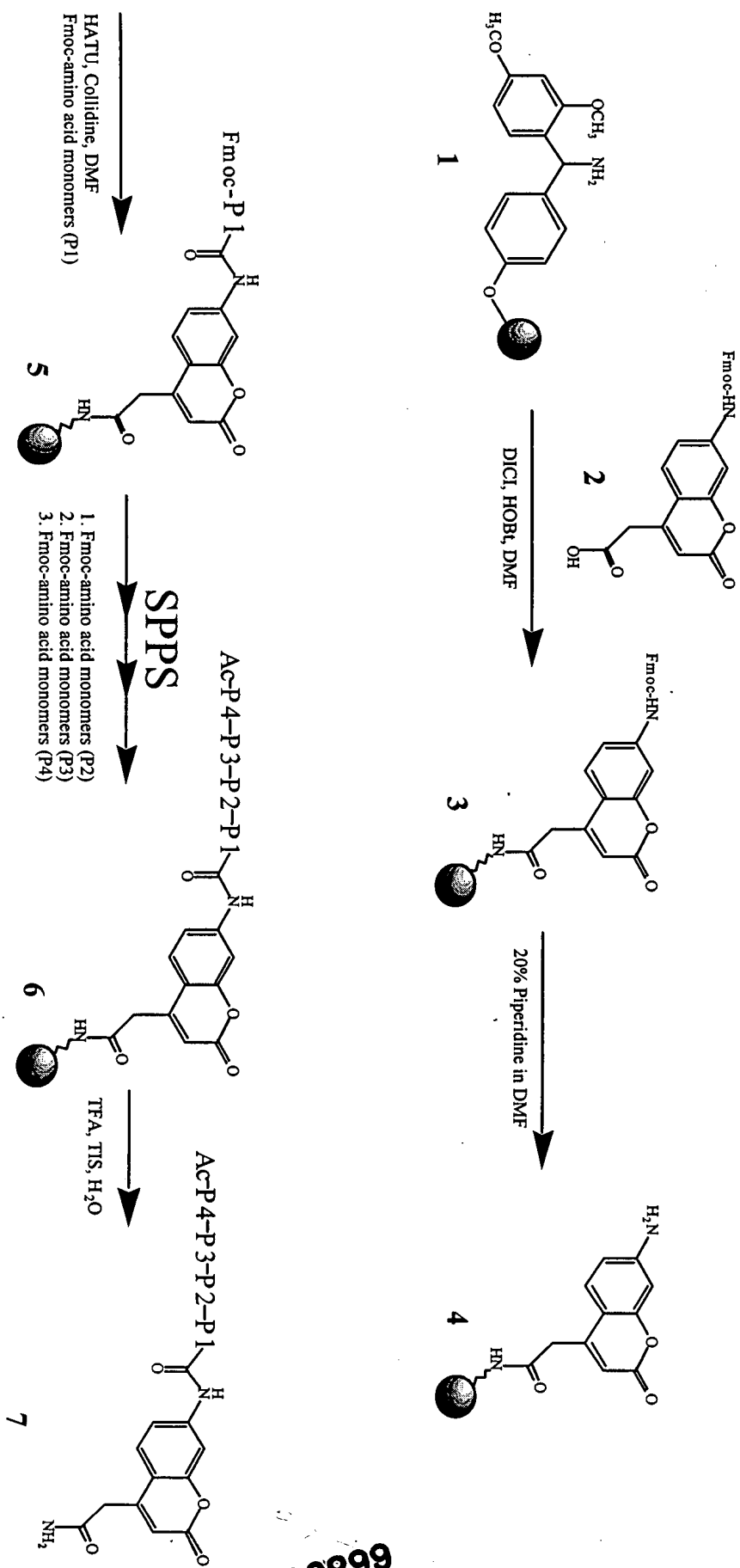


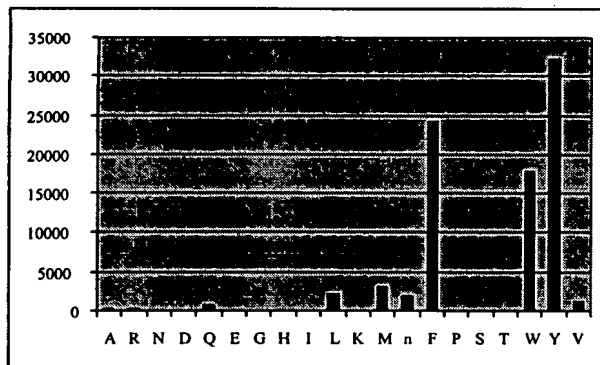
Figure 1.



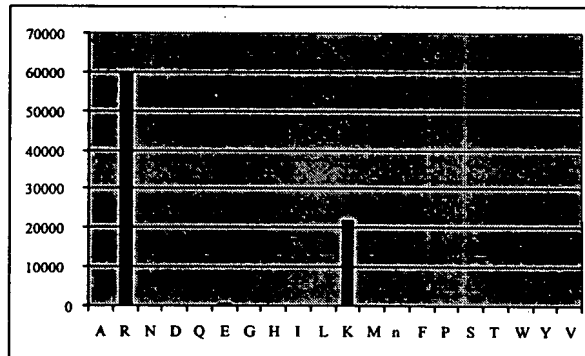
6680178

Figure 2.

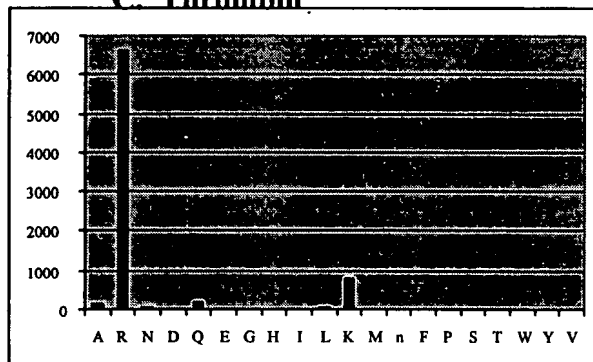
**A. Chymotrypsin**



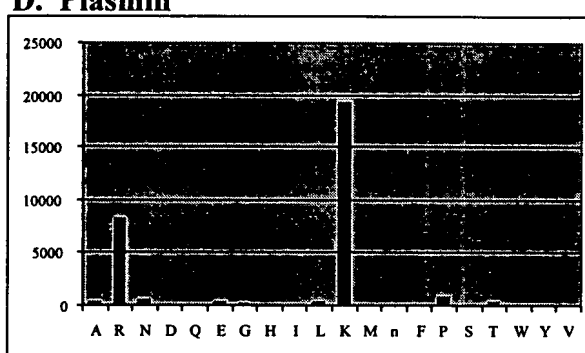
**B. Trypsin**



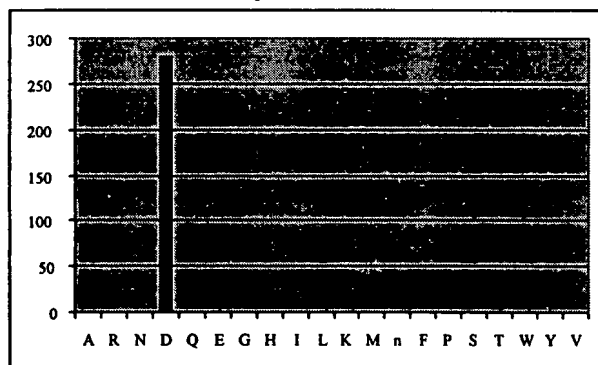
**C. Thrombin**



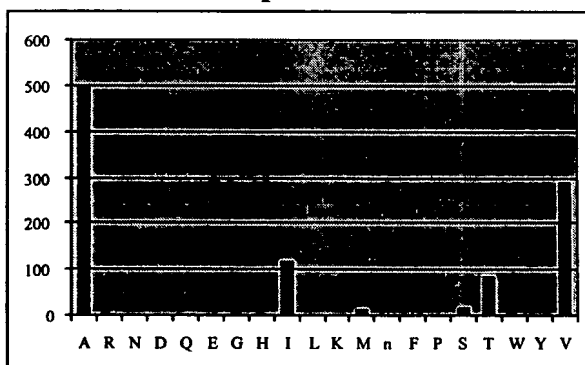
**D. Plasmin**



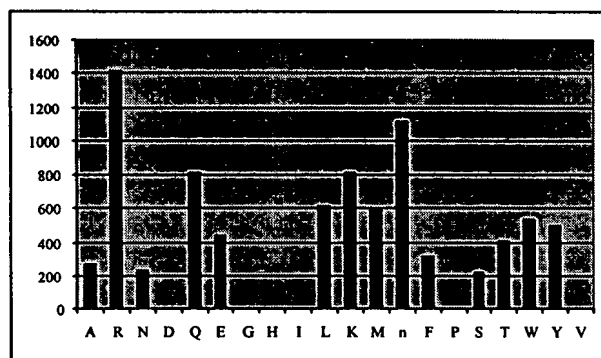
**E. Granzyme B**



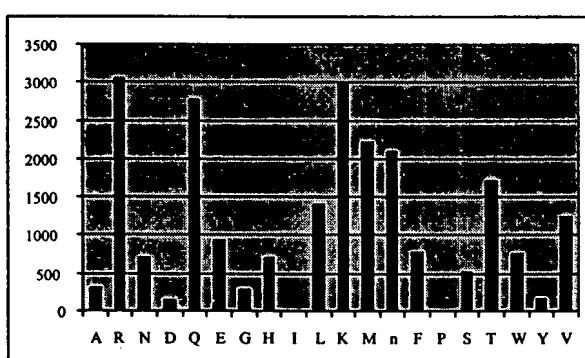
**F. Human Neutrophil Elastase**



**G. Papain**



**H. Cruzain**



Enzyme

P1-Fixed Library

P4

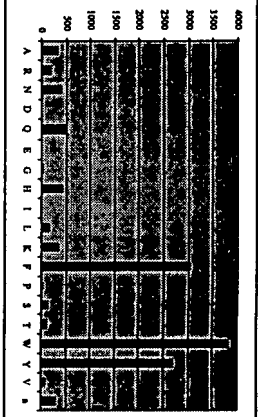
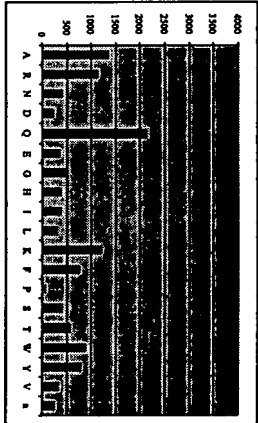
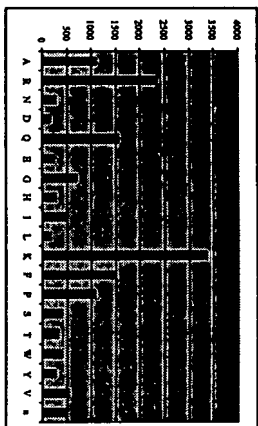
P3

P2

Figure 3.

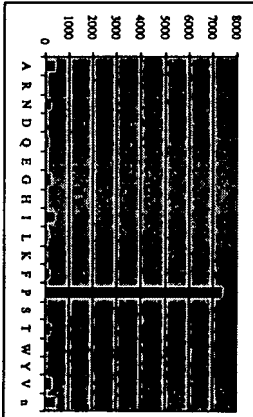
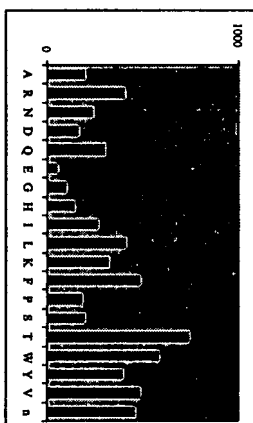
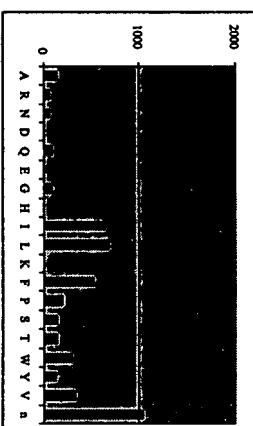
A. Plasmin

P1-Lys



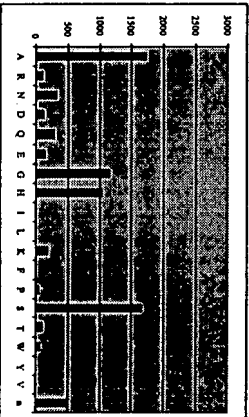
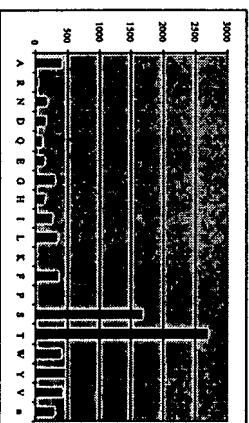
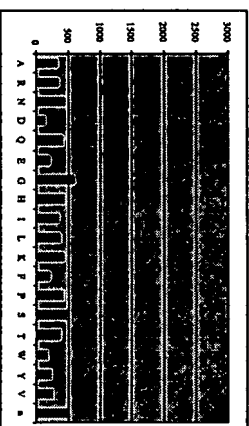
B. Thrombin

P1-Arg



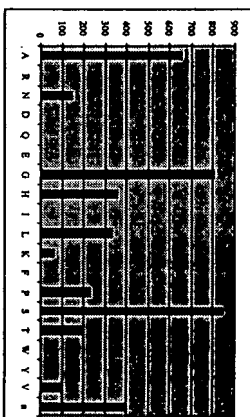
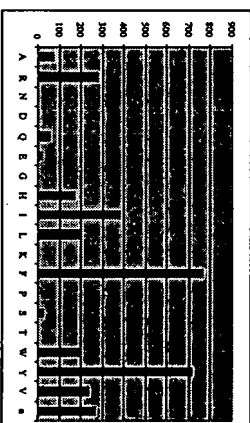
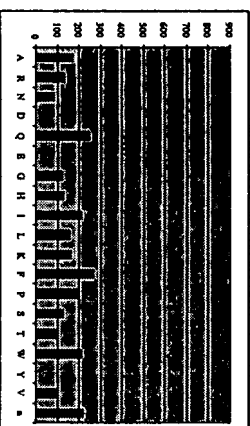
C. uPA

P1-Arg



D. tPA

P1-Arg



E. Factor Xa

P1-Arg

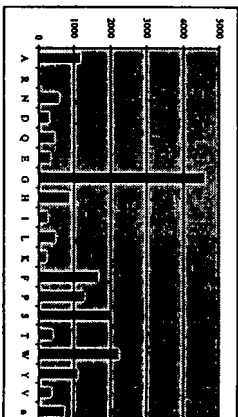
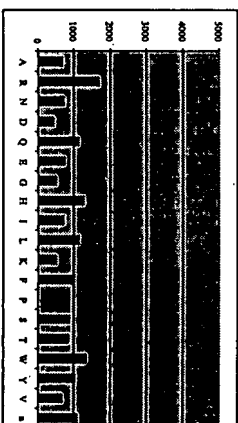
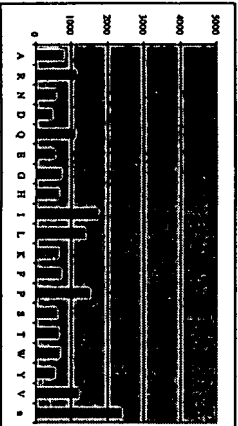


Figure 3 (continued).

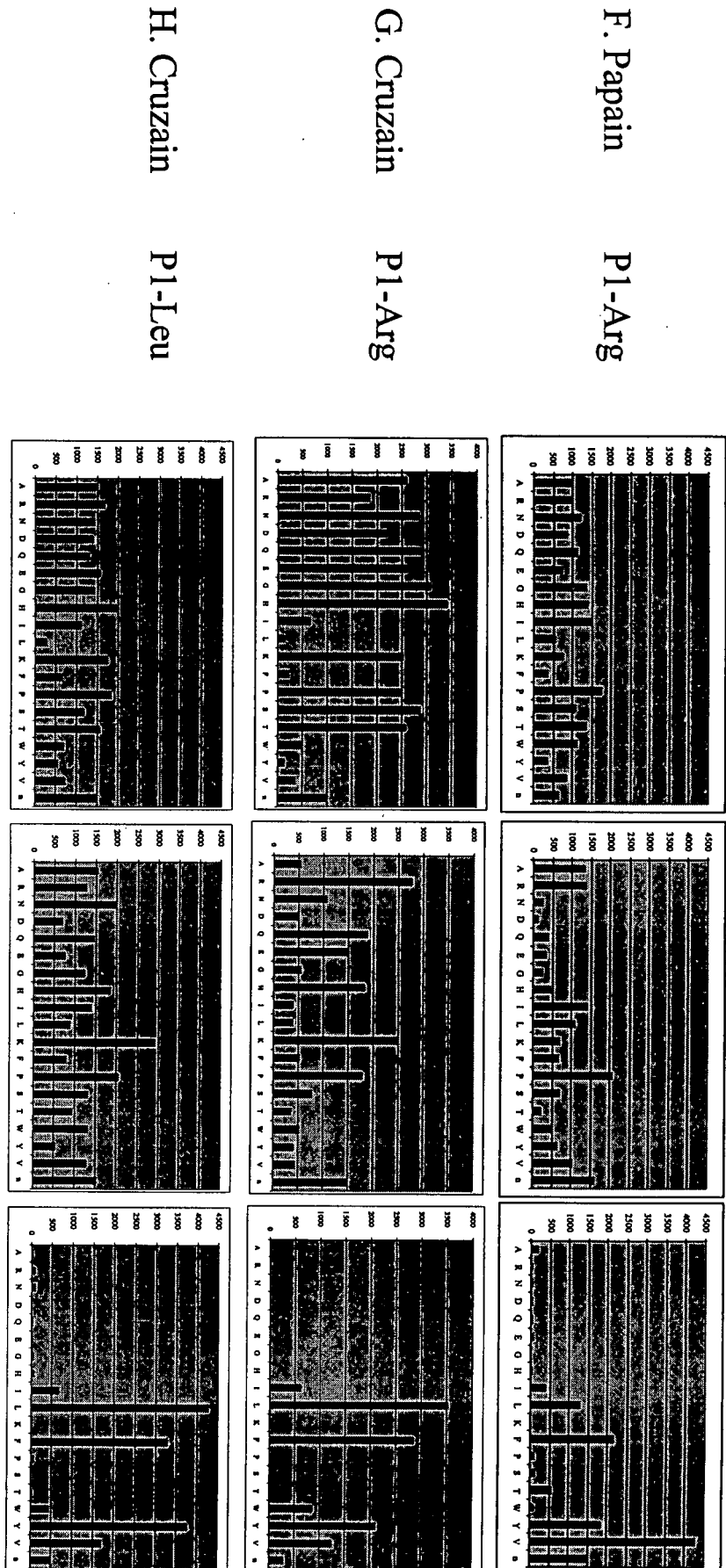


Figure 4

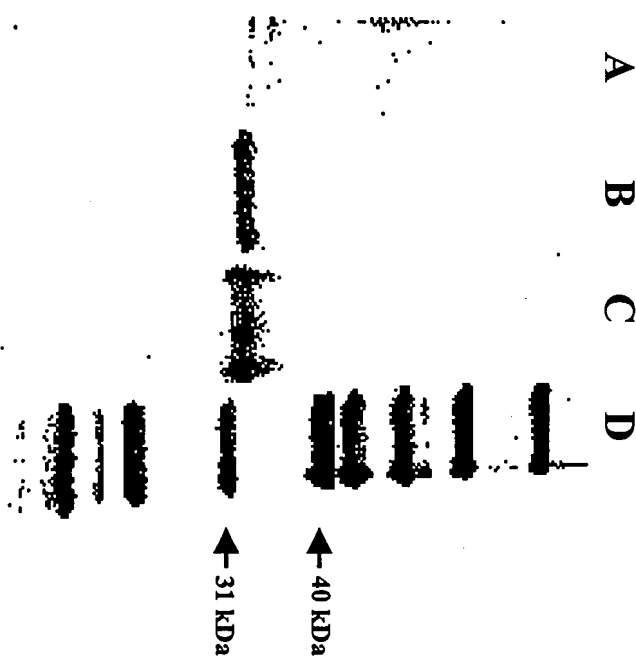
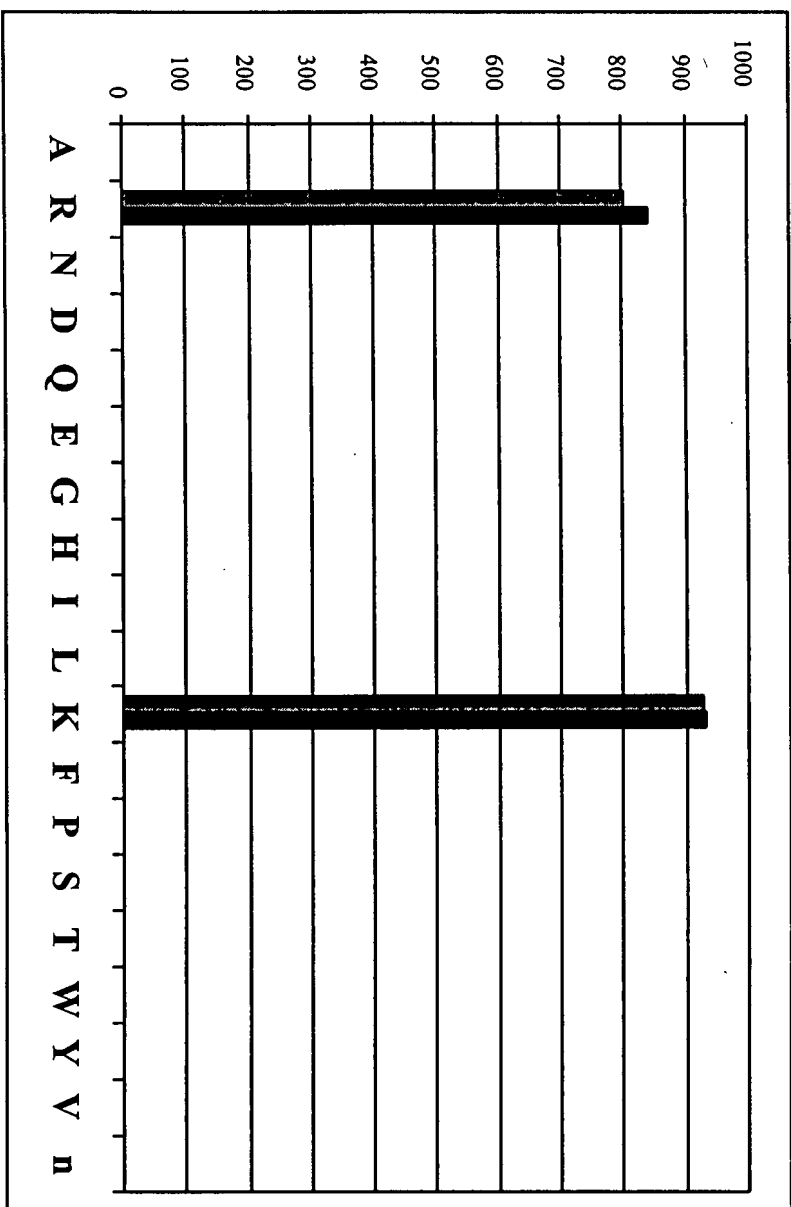


Figure 5

## P1-Diverse Library



$\beta$ I Trypsin  
 $\beta$ II Trypsin

Figure 6A

$\beta$ I Trypsase

$\beta$ II Trypsase

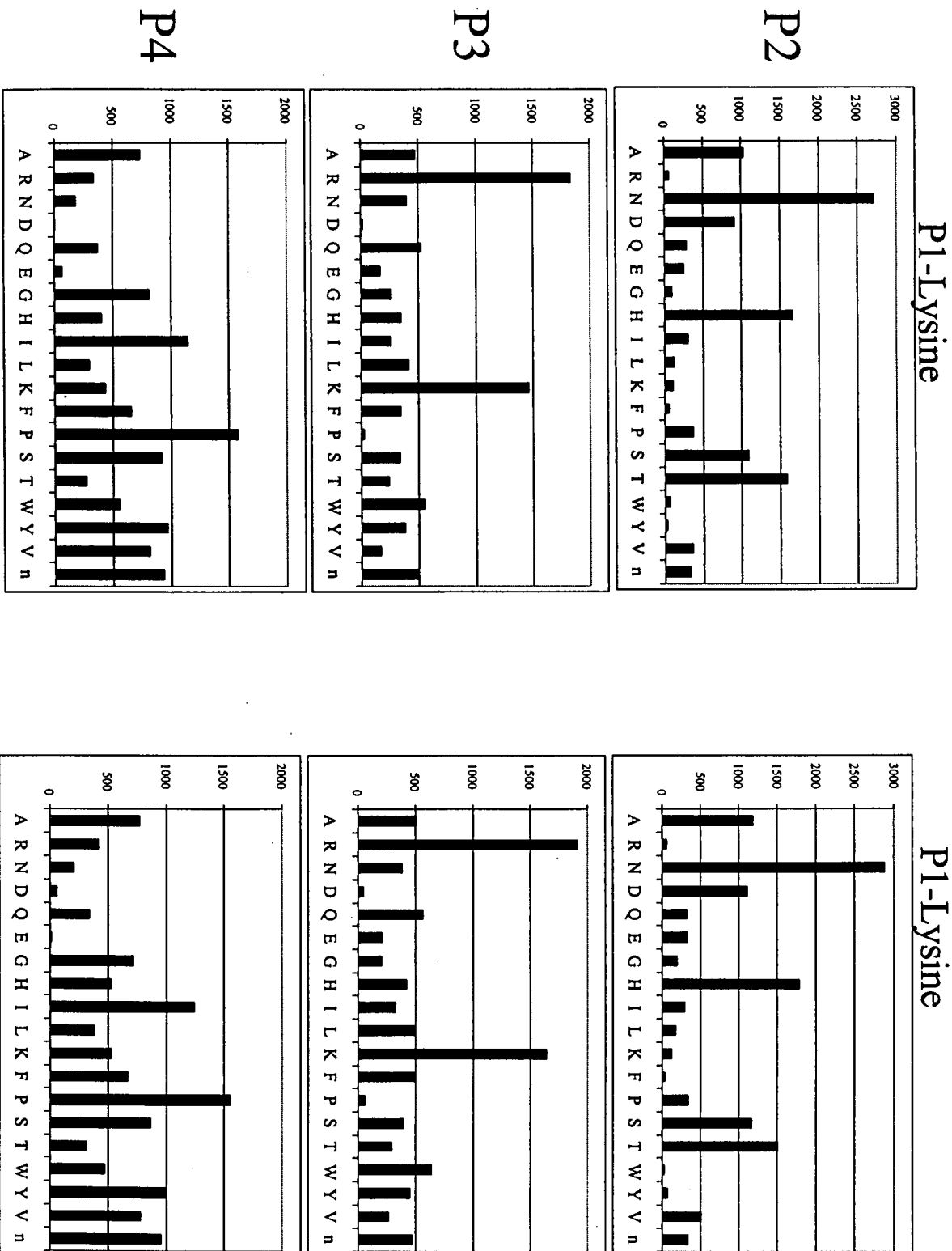
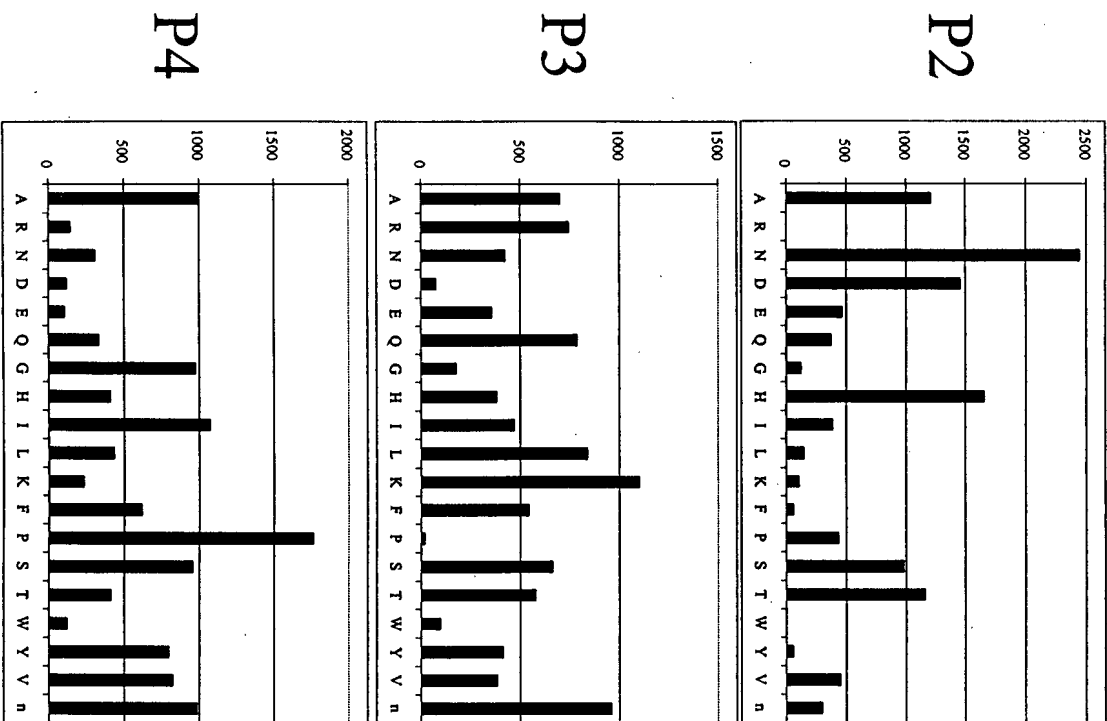


Figure 6B

$\beta$ I Tryptase

P1-Arginine



$\beta$ II Tryptase

P1-Arginine

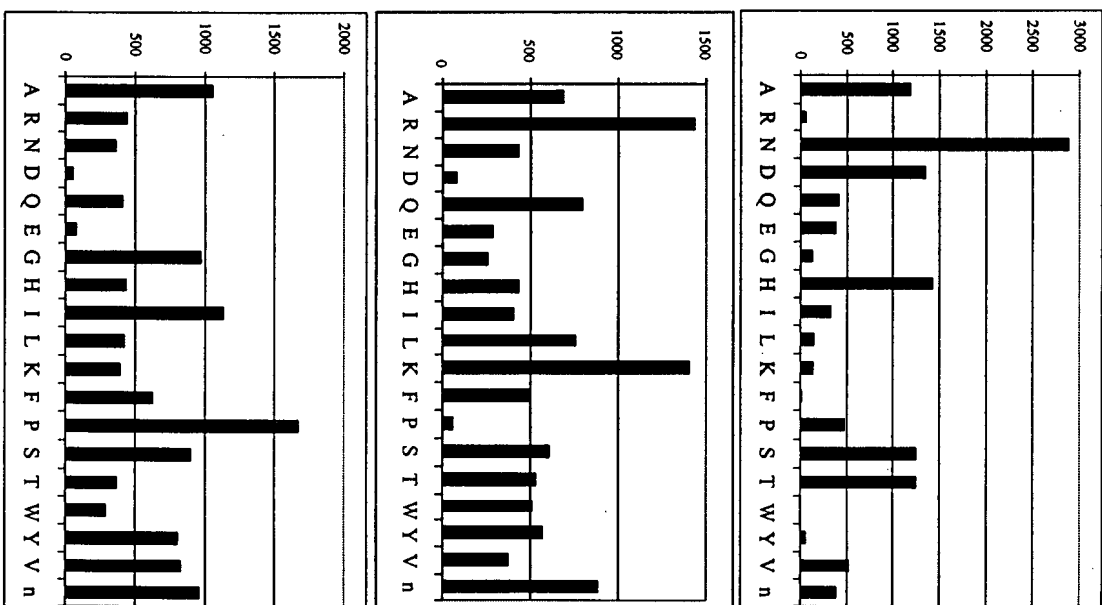




Figure 7

